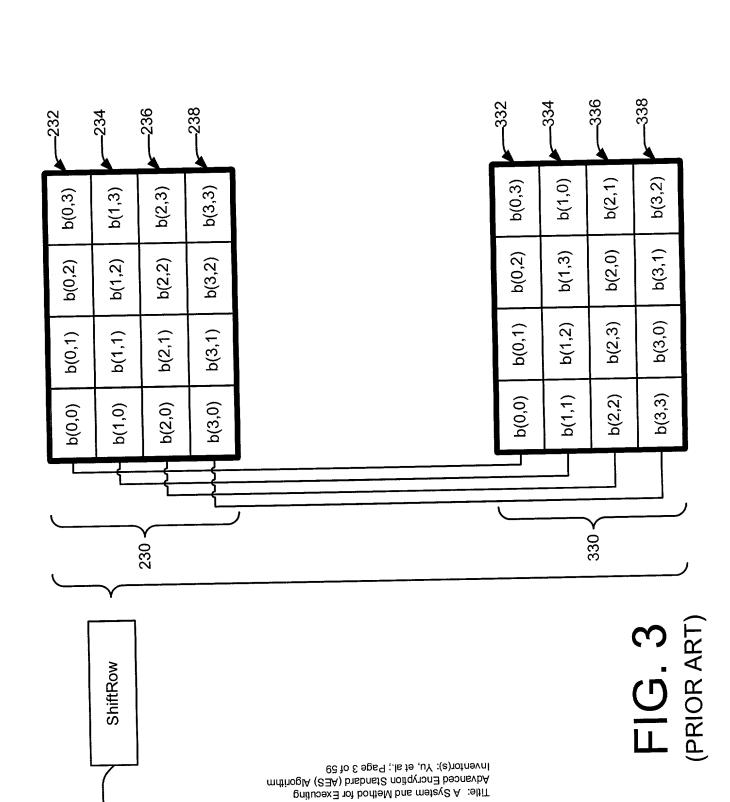
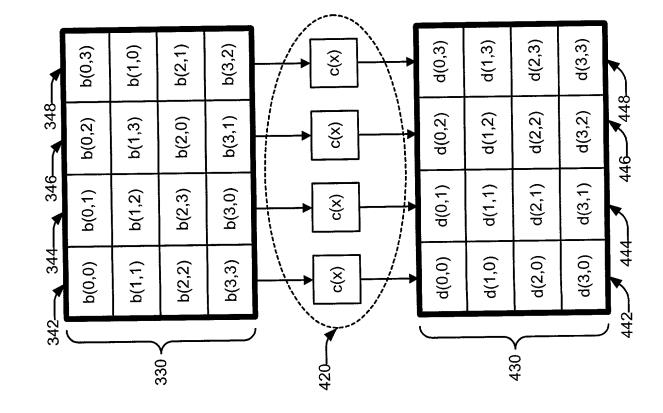


Title: A System and Method for Executing Advanced Encryption Standard (AES) Algorithm

FIG. 2 (PRIOR ART)





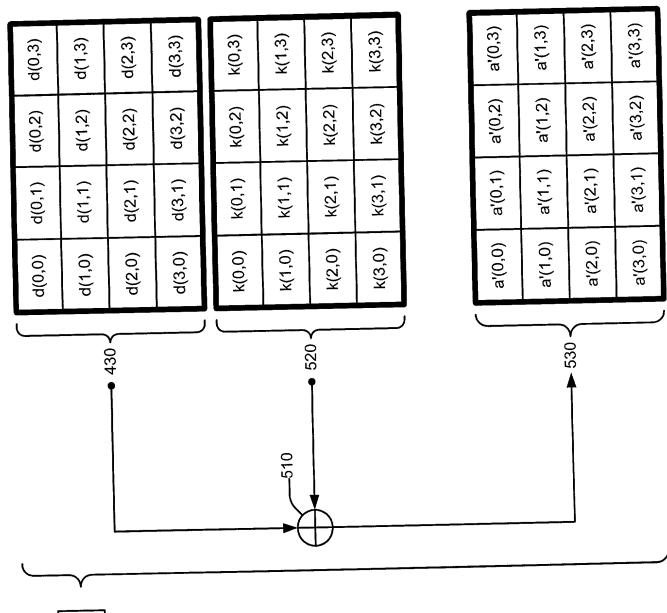
Inventor(s): Yu, et al.; Page 4 of 59

Advanced Encryption Standard (AES) Algorithm

Title: A System and Method for Executing

130 MixColumn

AddRoundKey

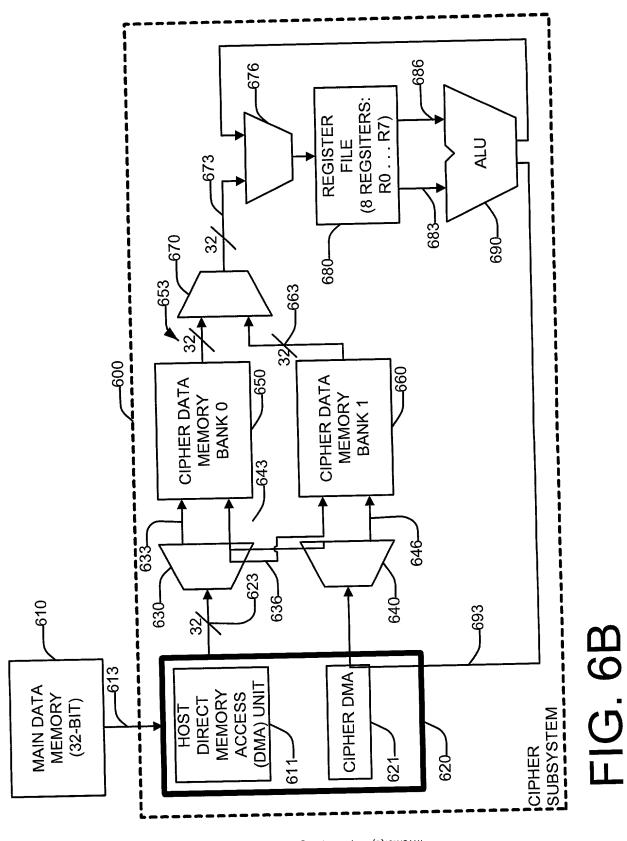


inventor(s): Yu, et al.; Page 5 of 59

Title: A System and Method for Executing Advanced Encryption Standard (AES) Algorithm

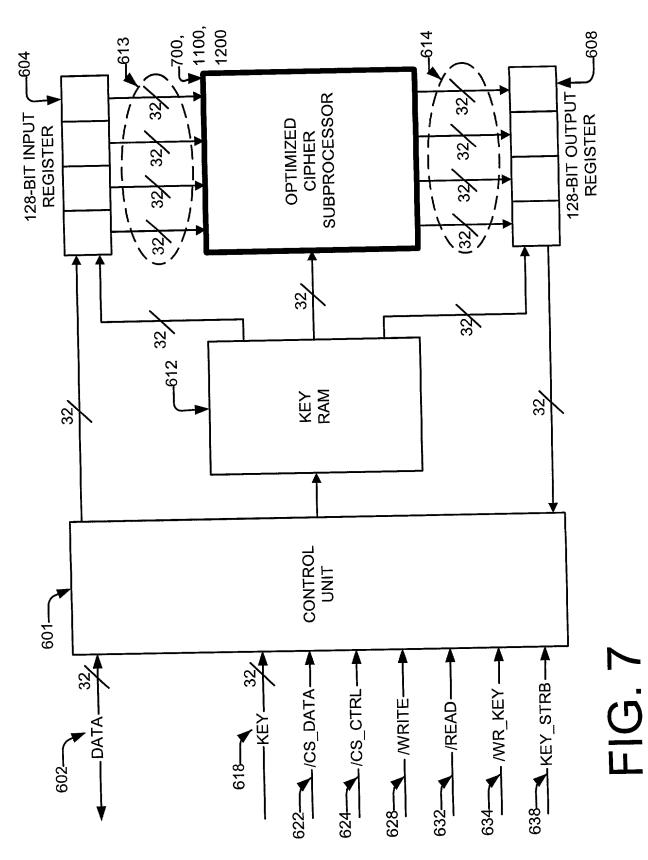
FIG. 5 (PRIOR ART)

Title: A System and Method for Executing Advanced Encryption Standard (AES) Algorithm Inventor(s): Yu, et al.; Page 6 of 59

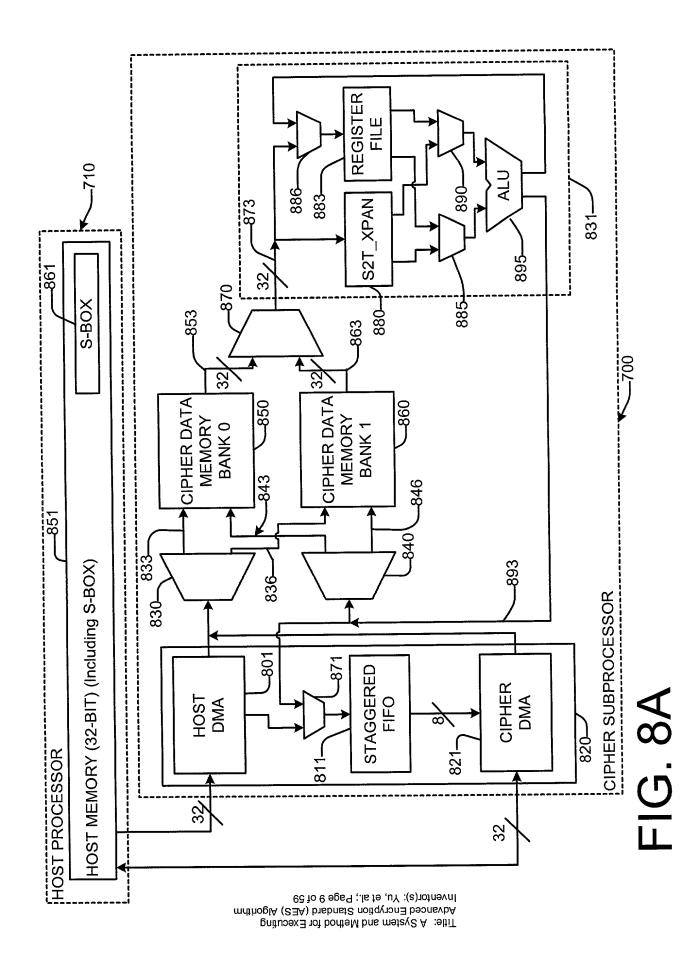


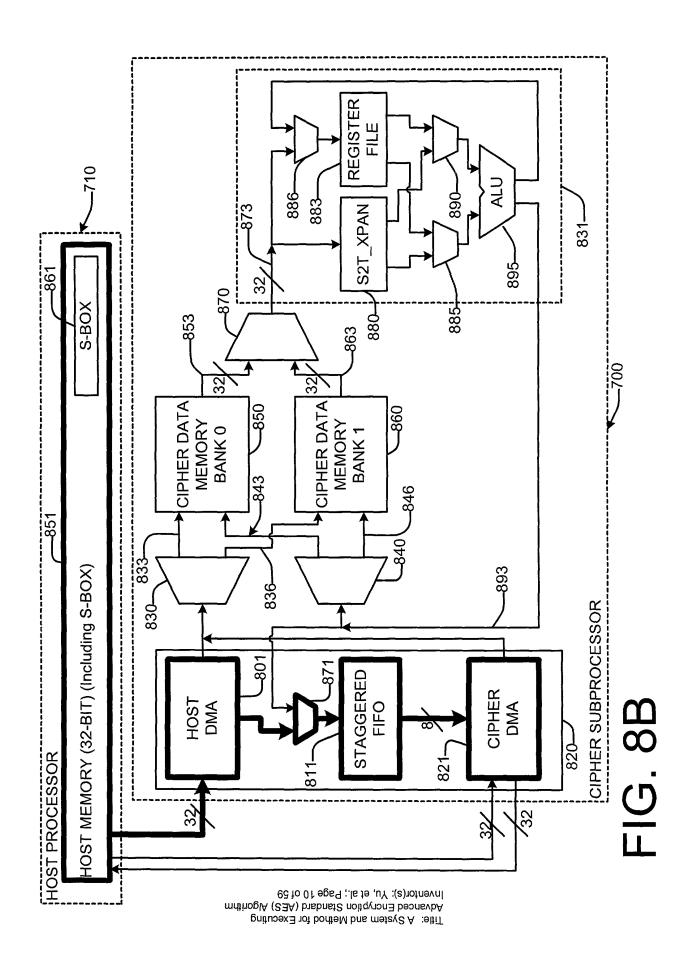
Title: A System and Method for Executing Advanced Encryption Standard (AES) Algorithm Inventor(s): Yu, et al.; Page 7 of 59

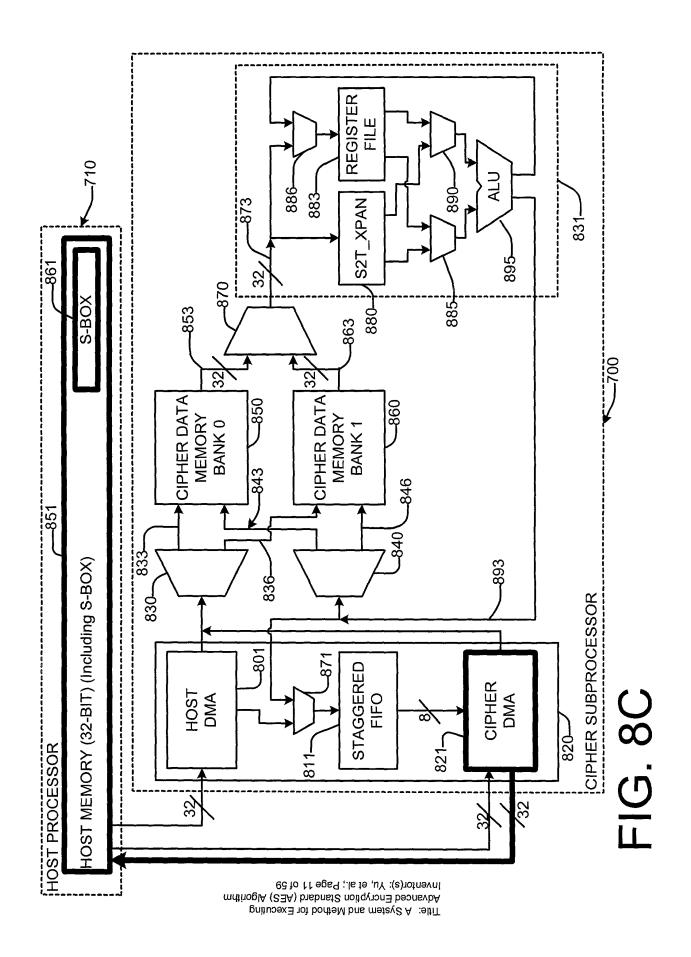
(PRIOR ART)

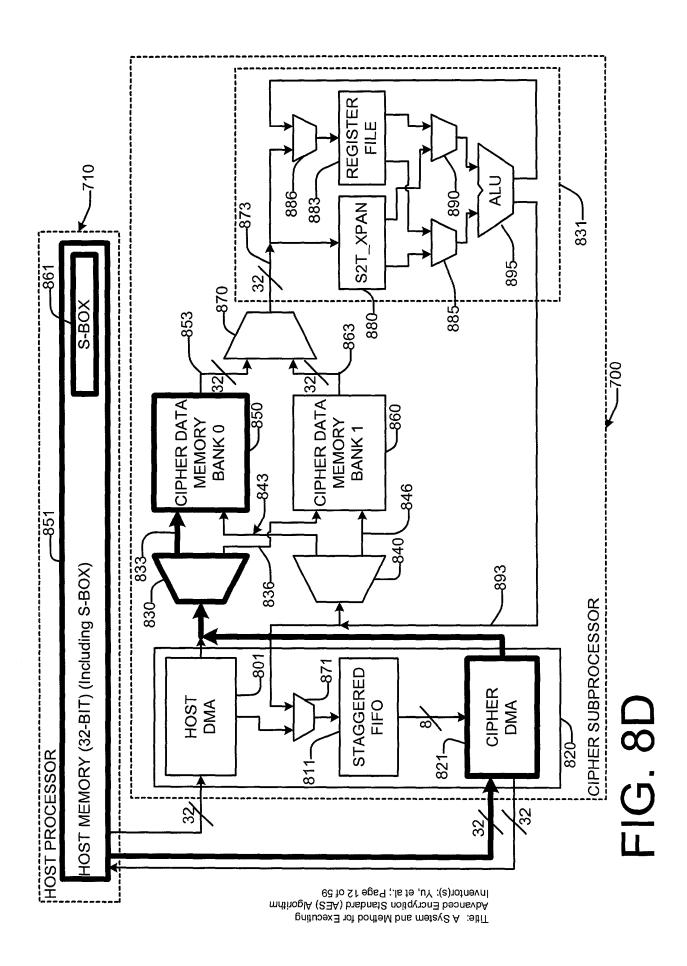


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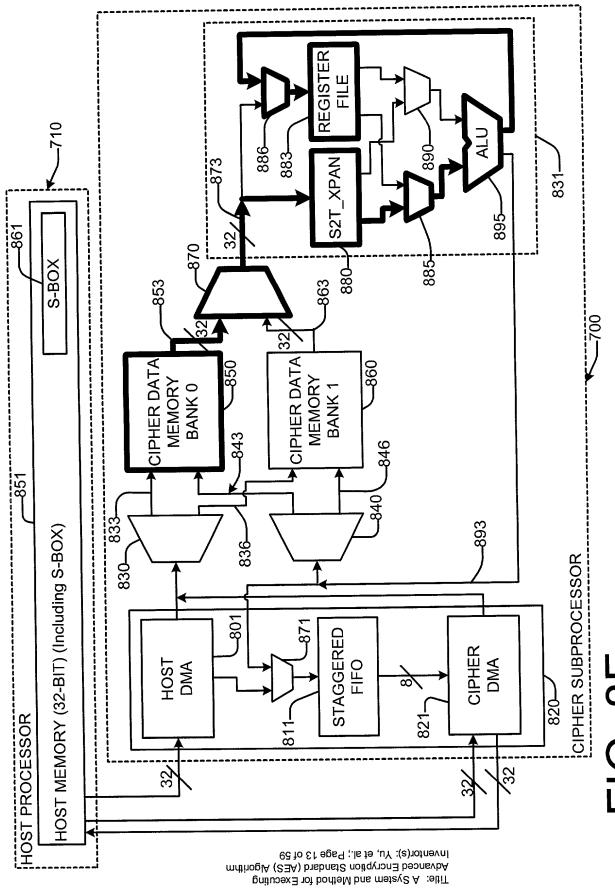
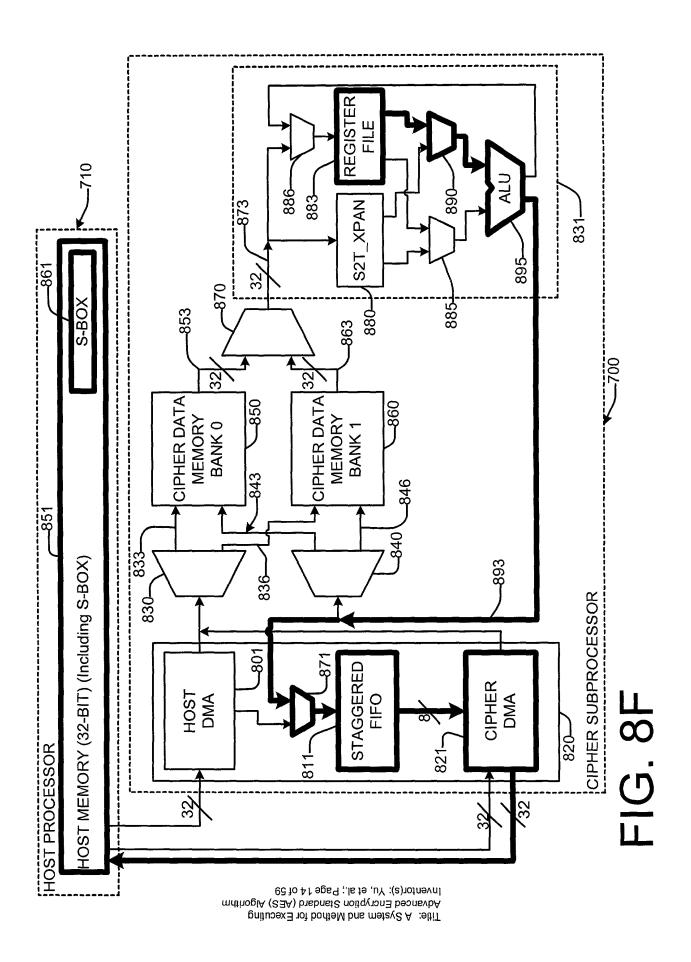
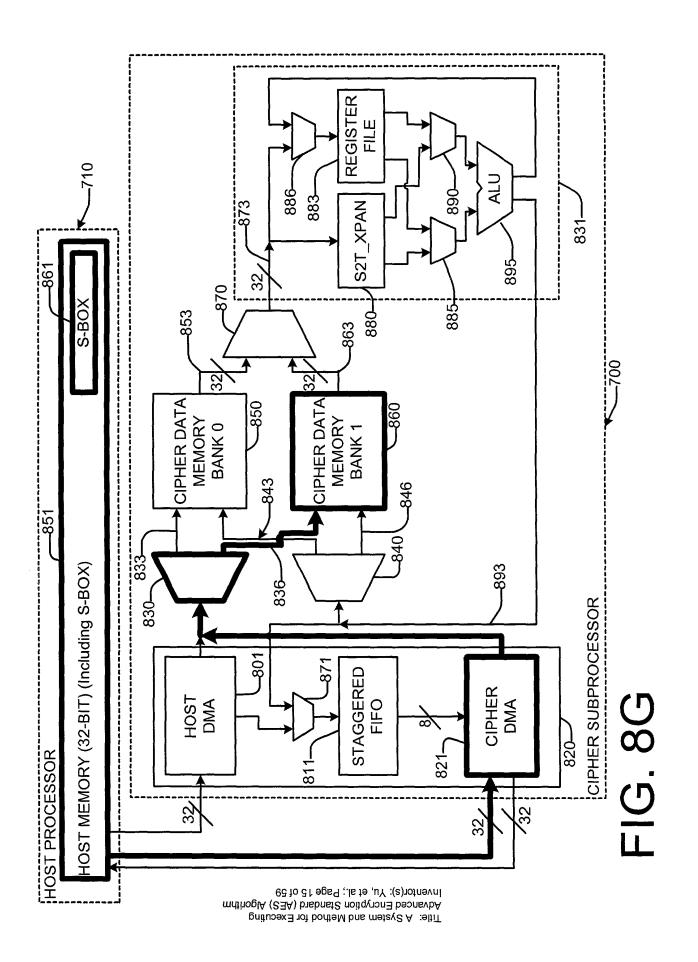


FIG. 8E





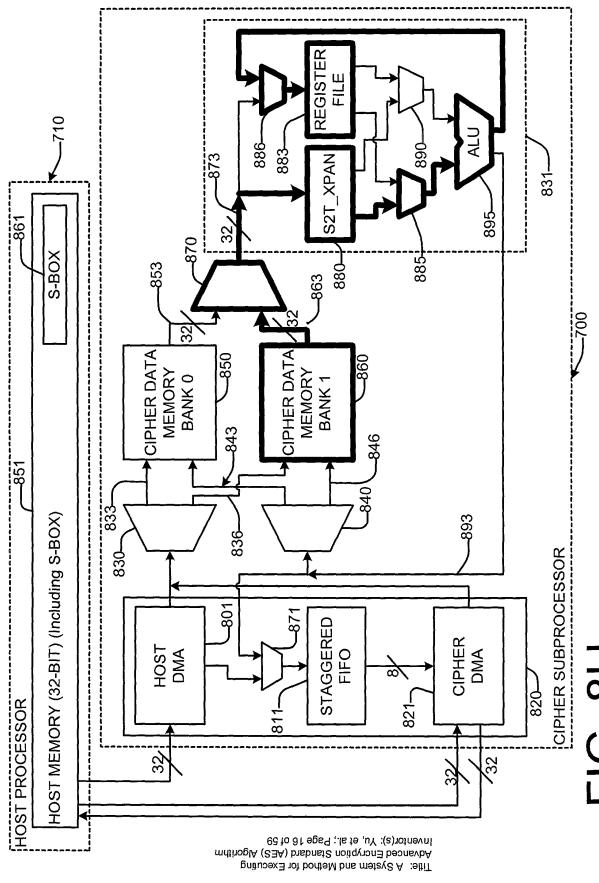
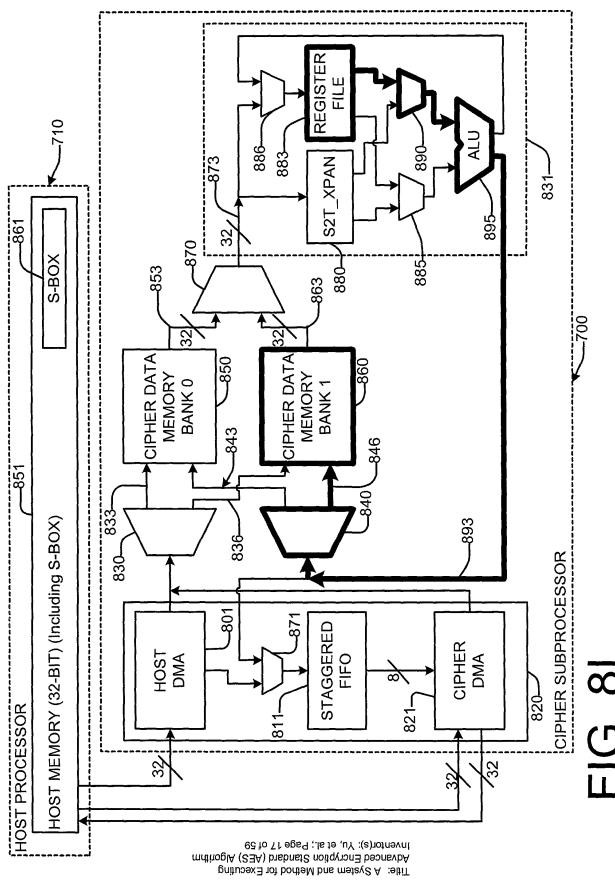
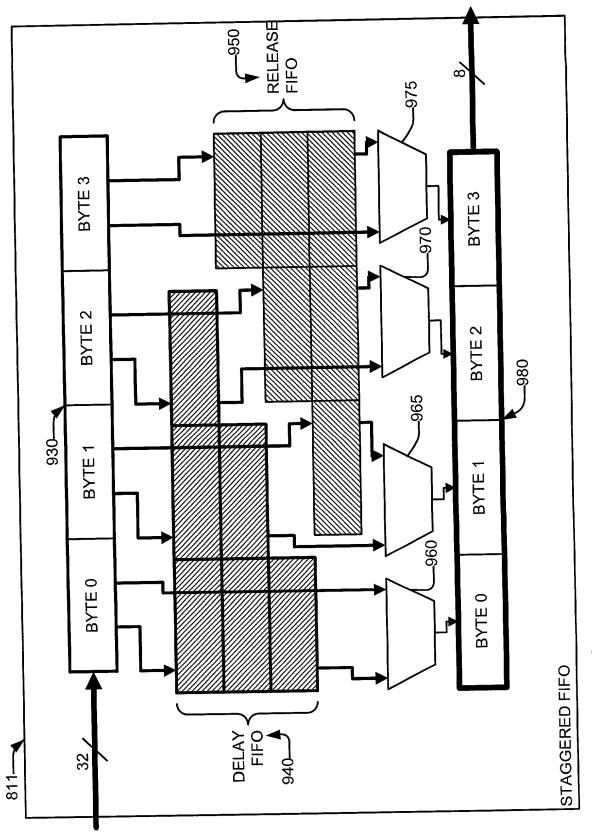


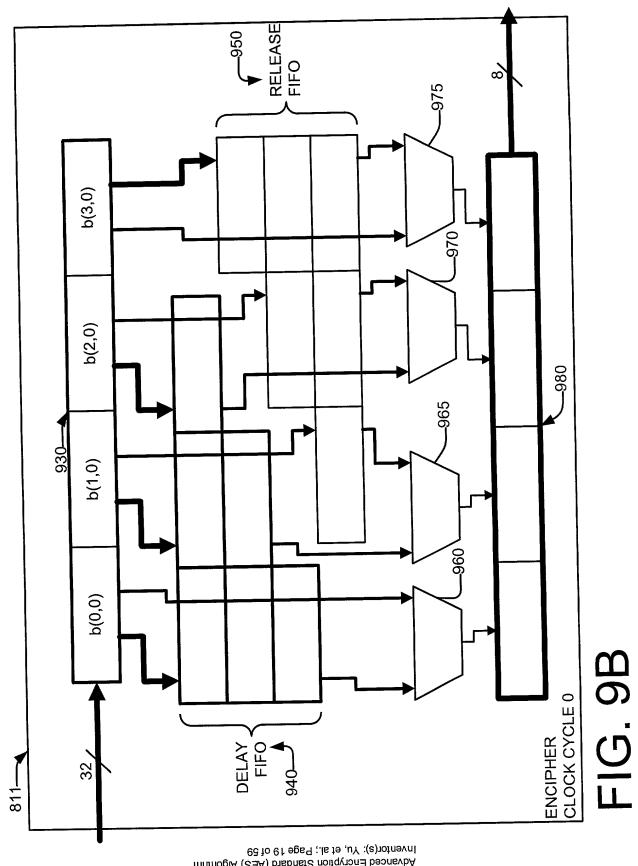
FIG. 8H



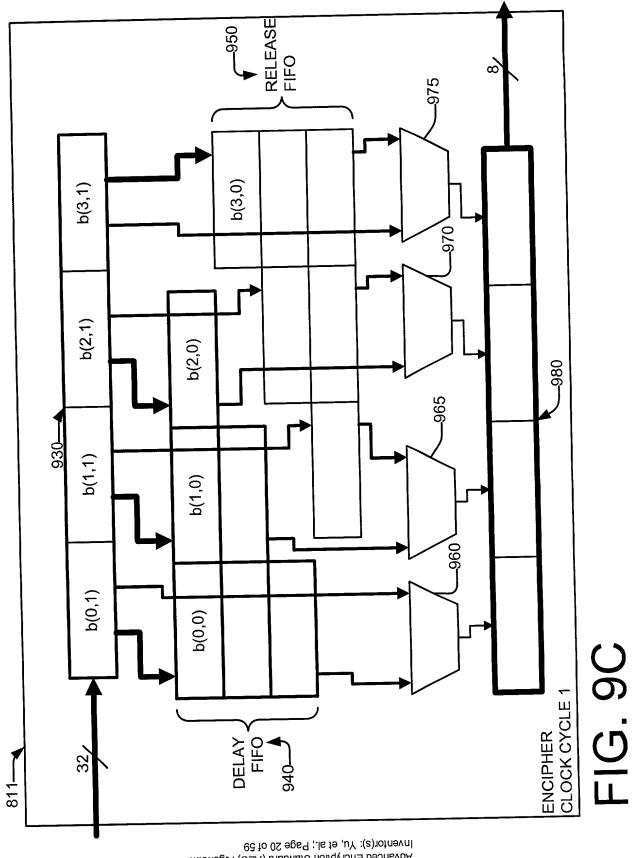


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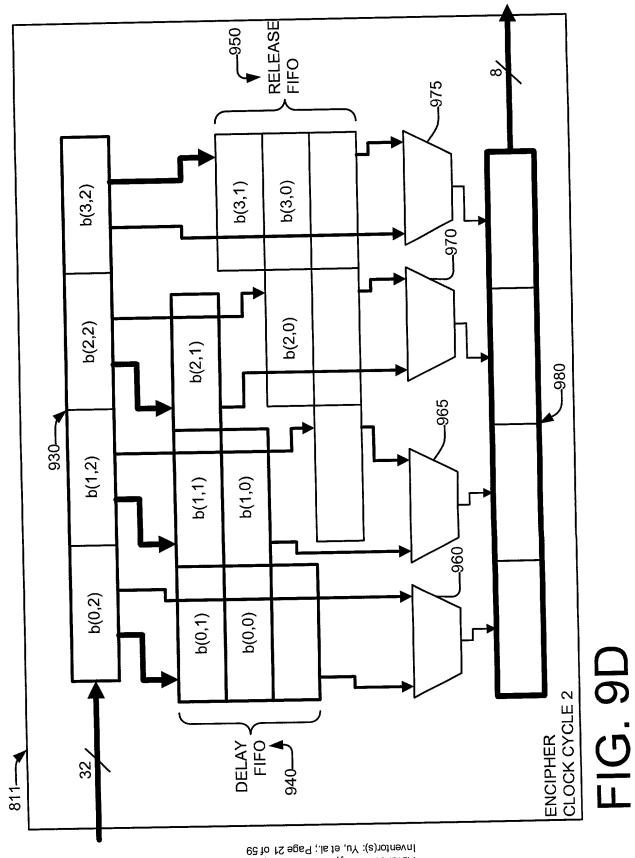
FIG. 9A



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Title: A System and Method for Executing Advanced Encryption Standard (AES) Algorithm Inventor(s): Yu, et al.; Page 21 of 59

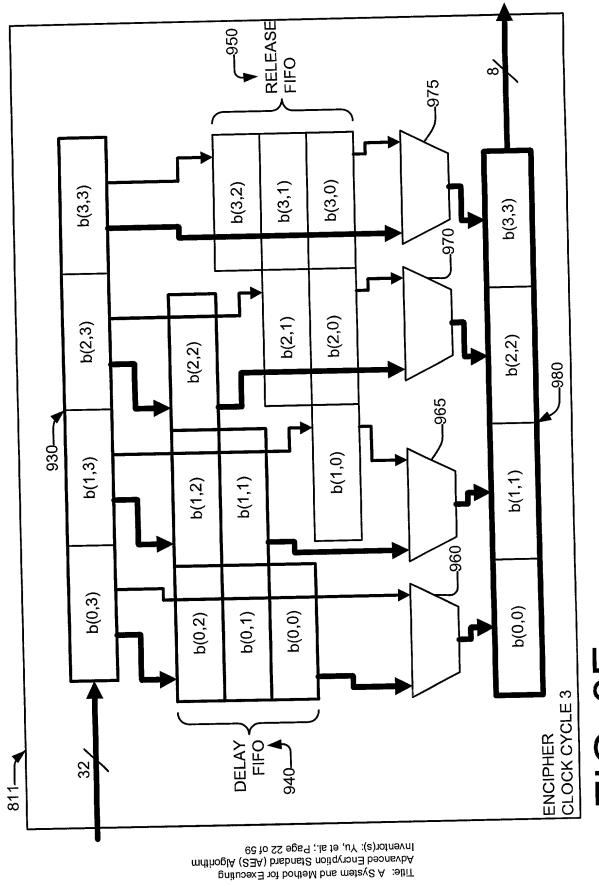
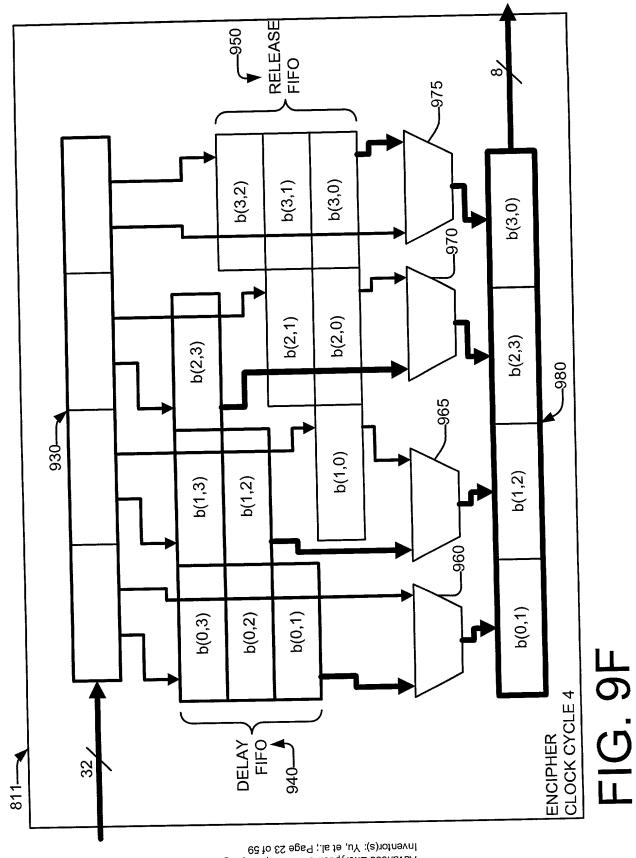
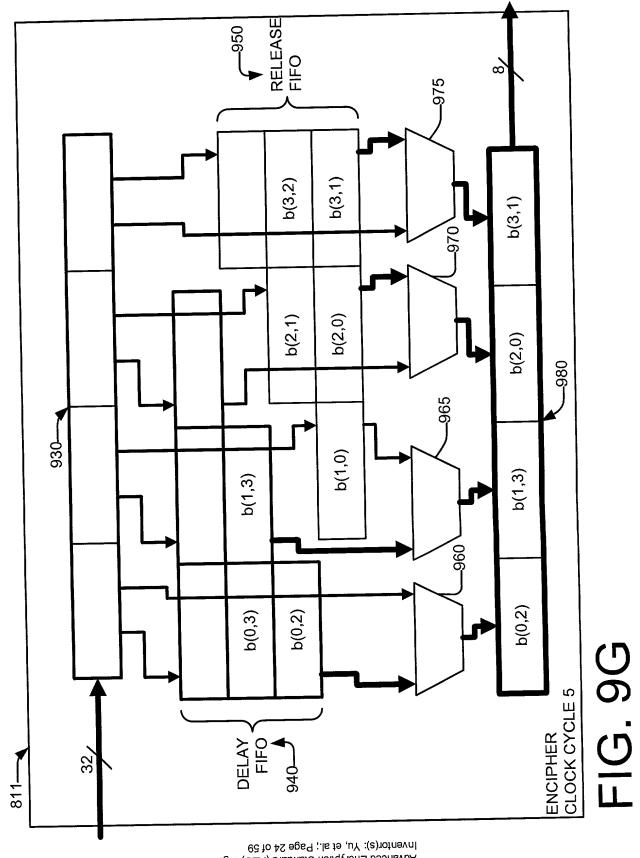


FIG. 9E



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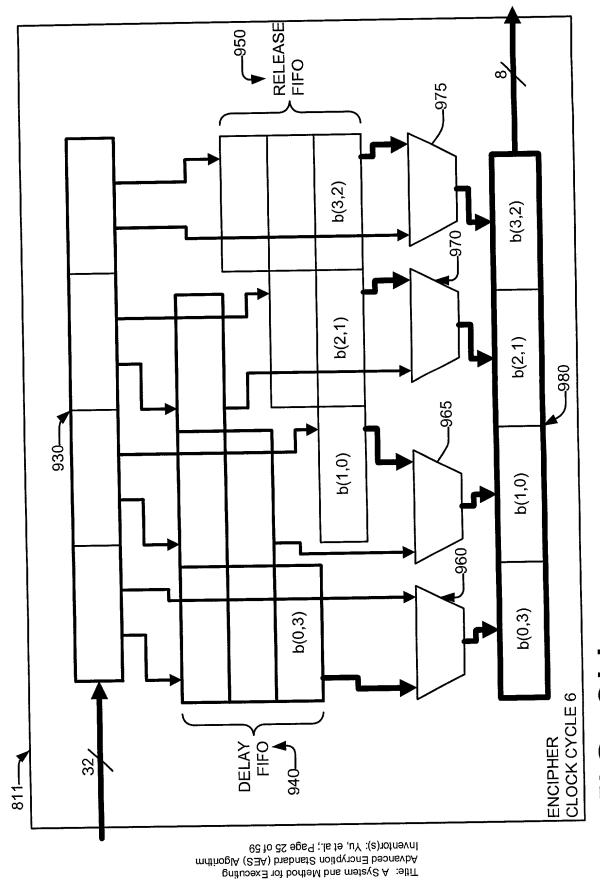
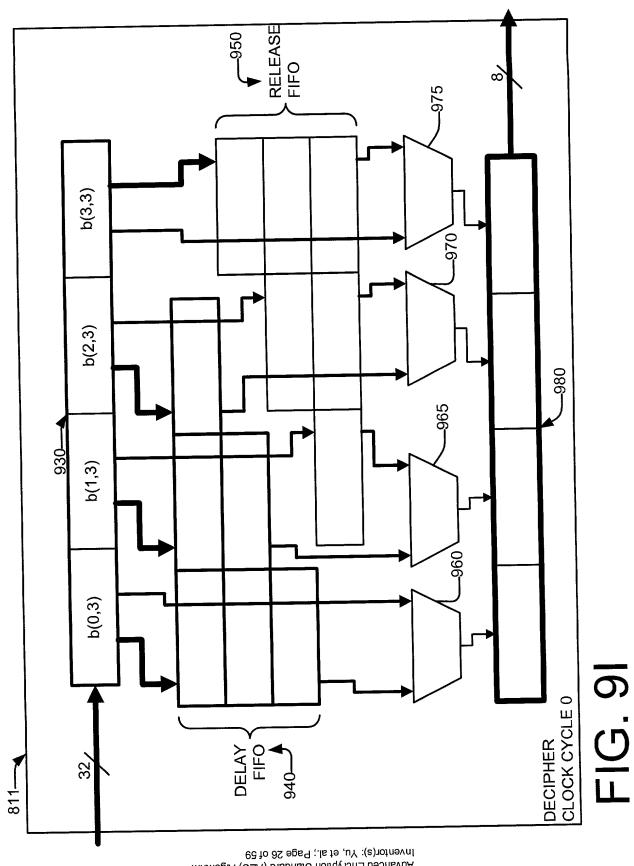
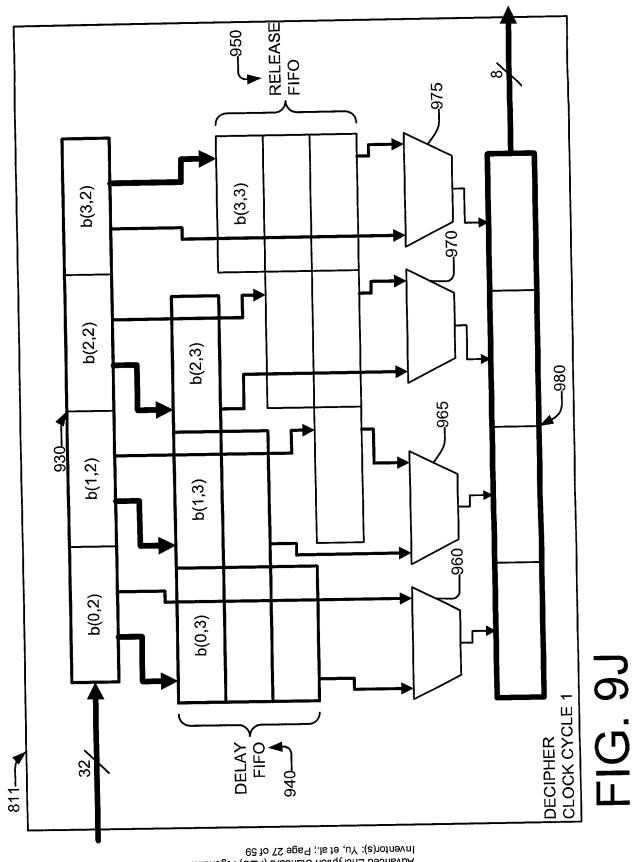


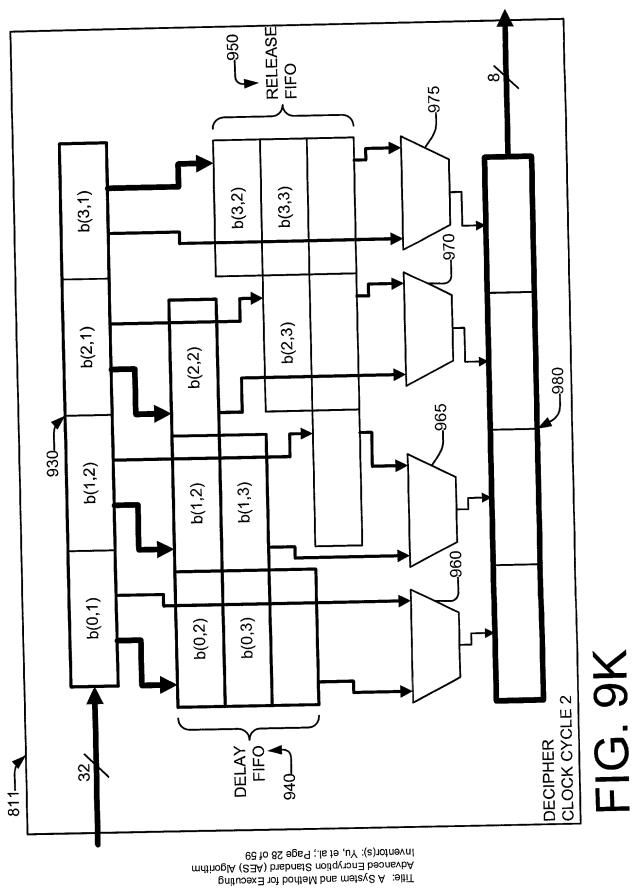
FIG. 9H



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Title: A System and Method for Executing Advanced Encryption Standard (AES) Algorithm Inventor(s): Yu, et al.; Page 27 of 59



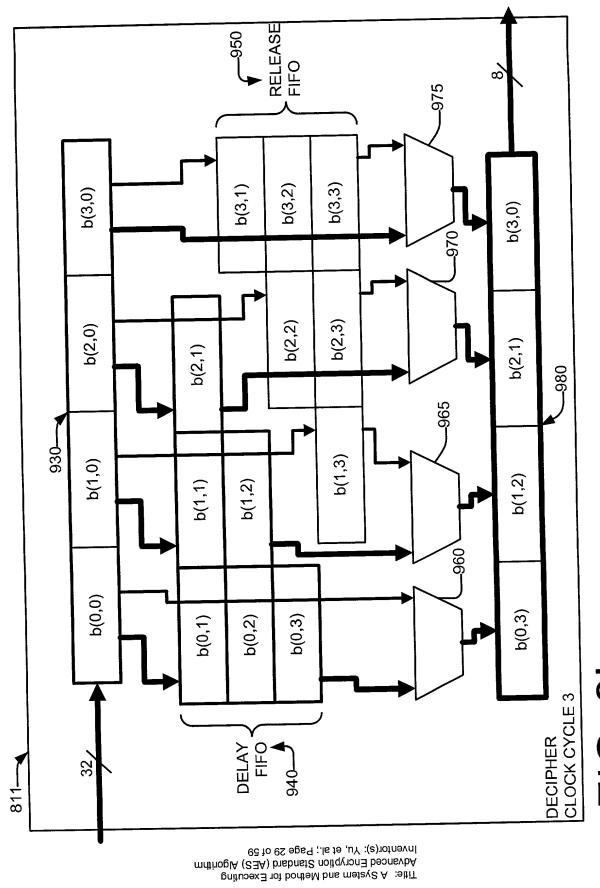


FIG. 91

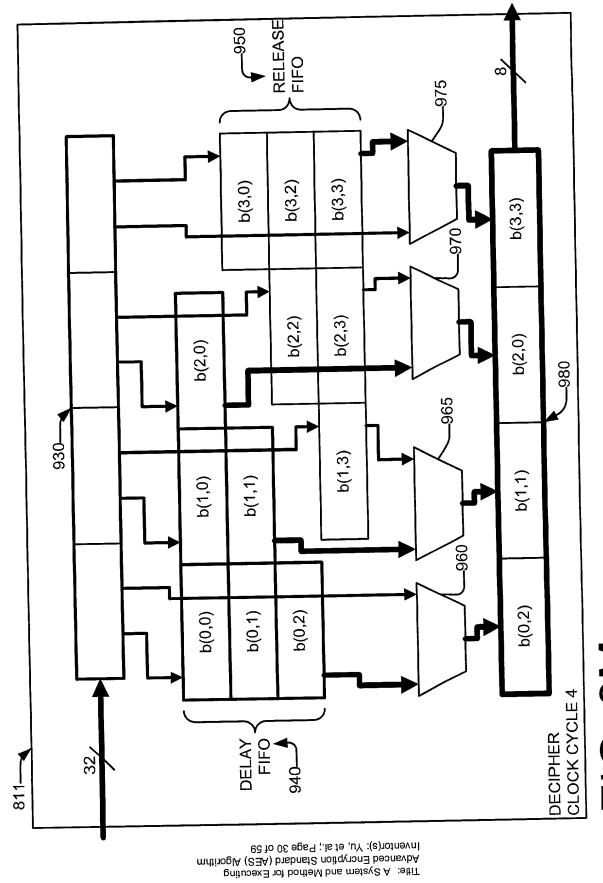
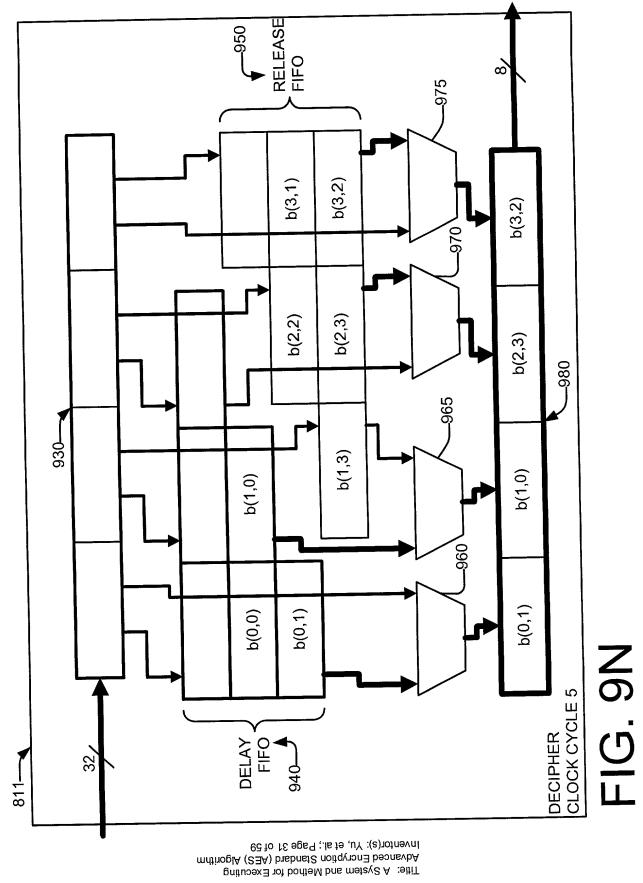
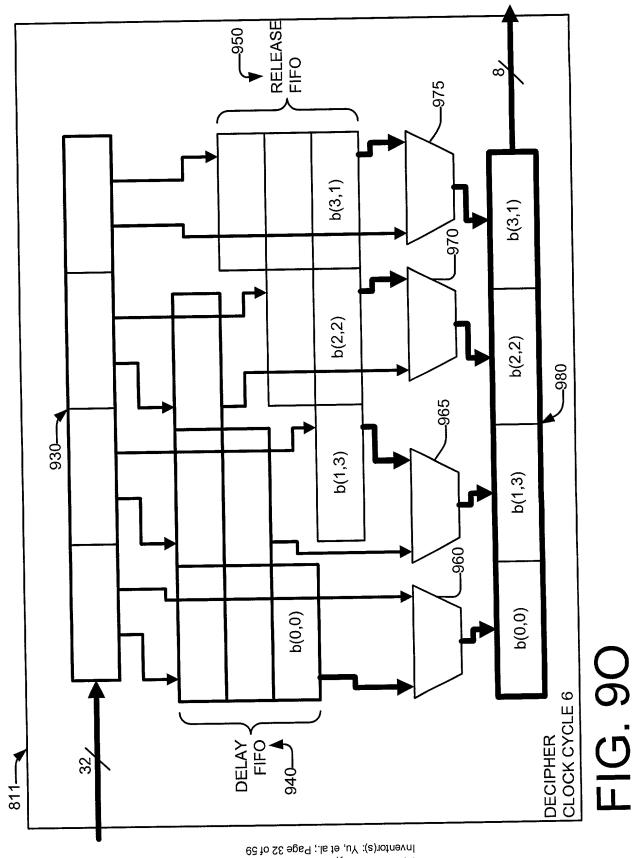
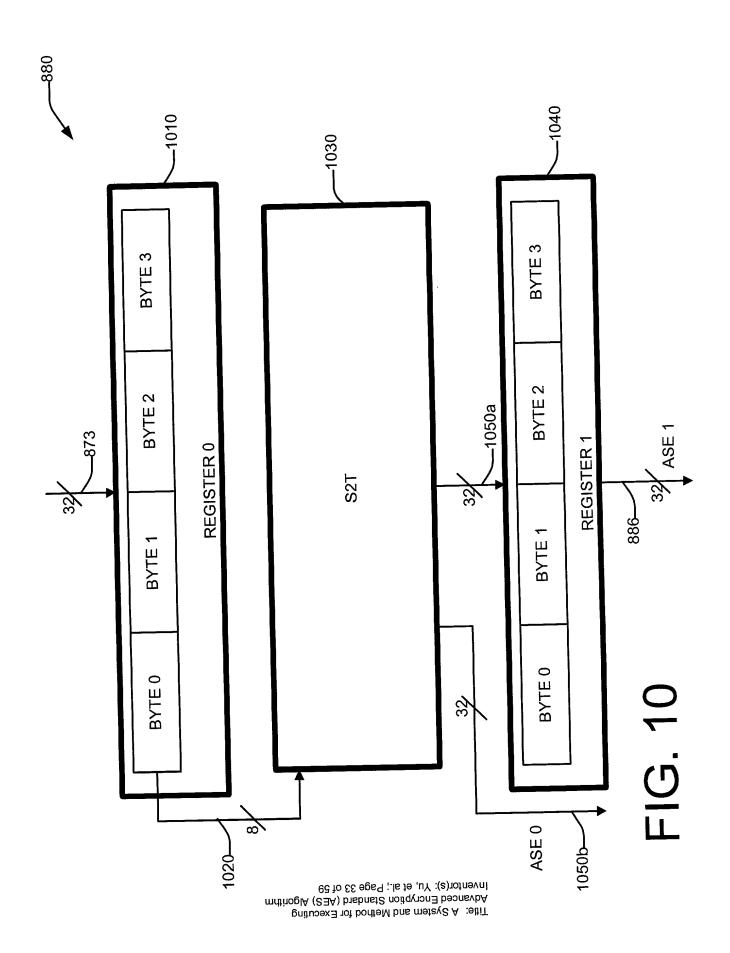


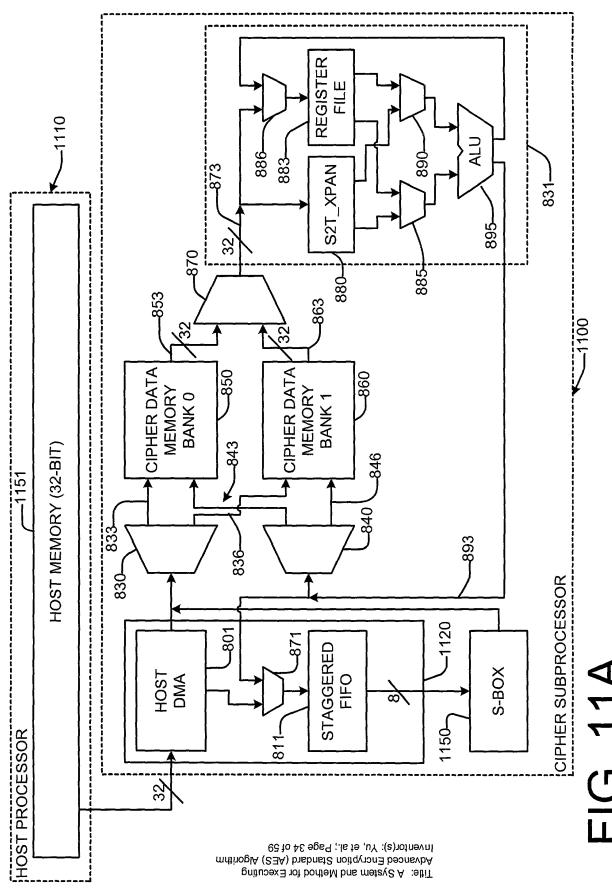
FIG. 9M

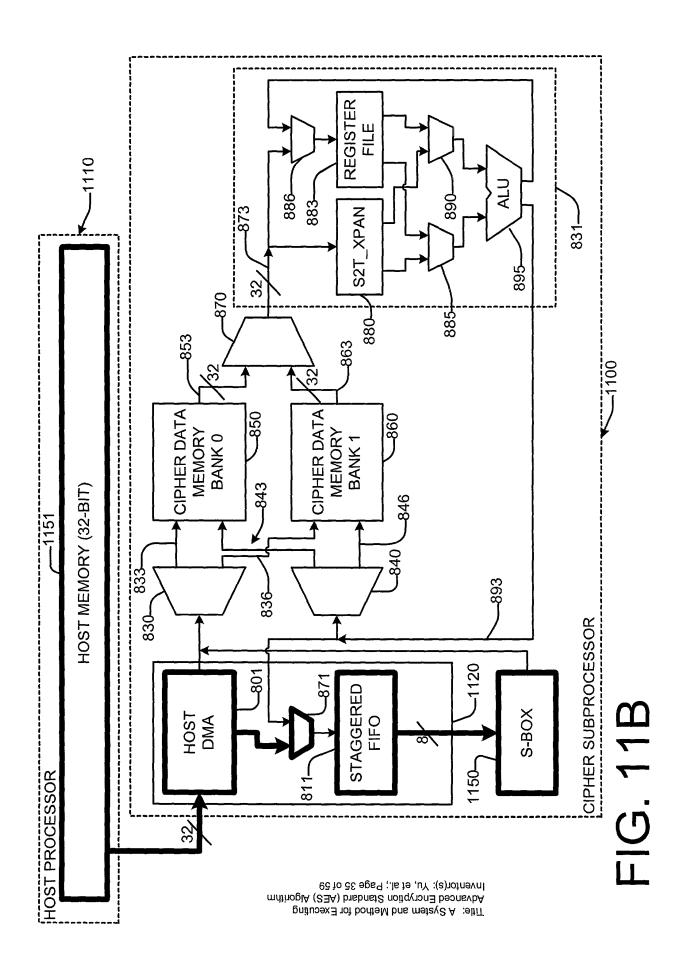


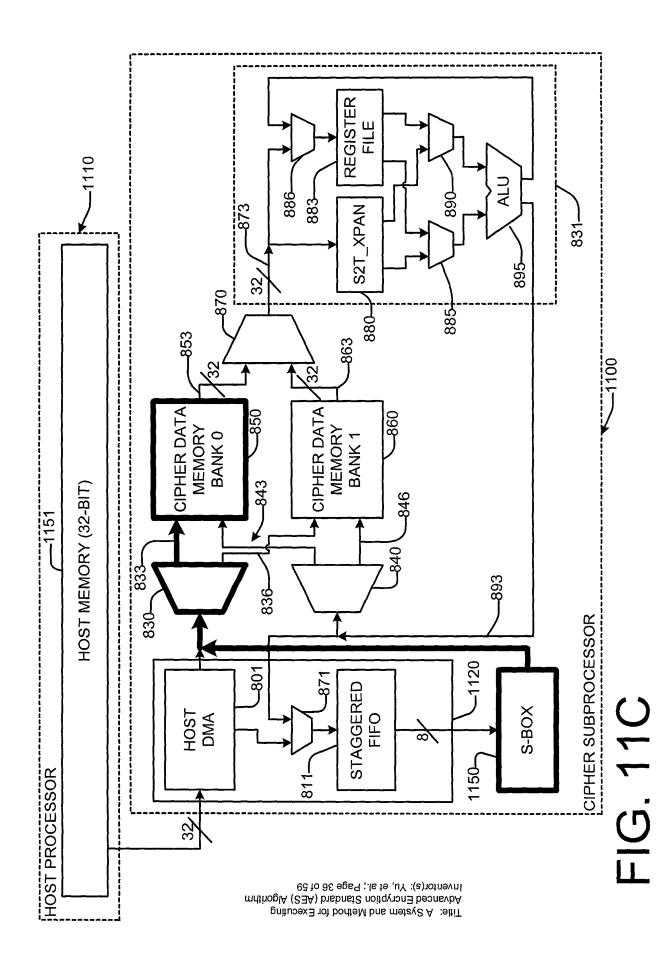


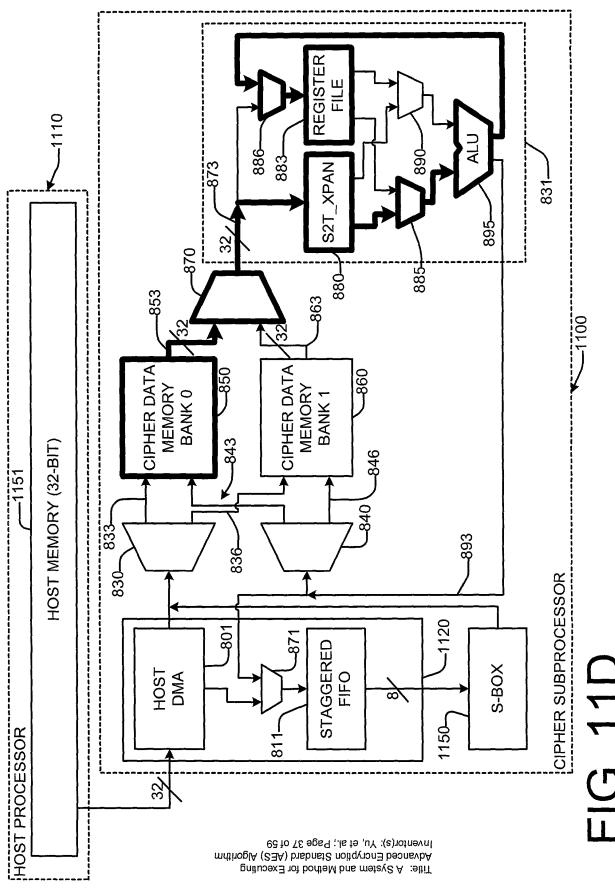
Title: A System and Method for Executing Advanced Encryption Standard (AES) Algorithm Inventor(s): Yu, et al.; Page 32 of 59

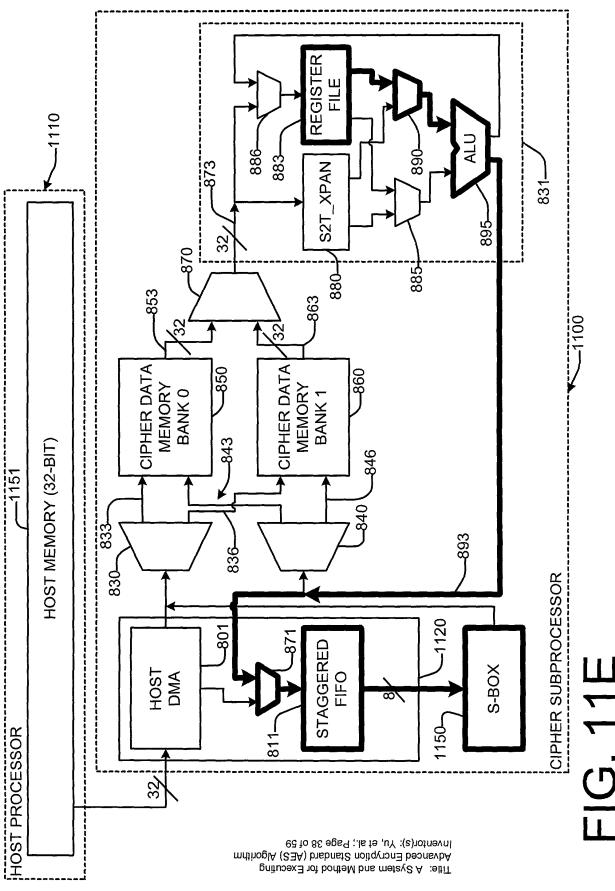


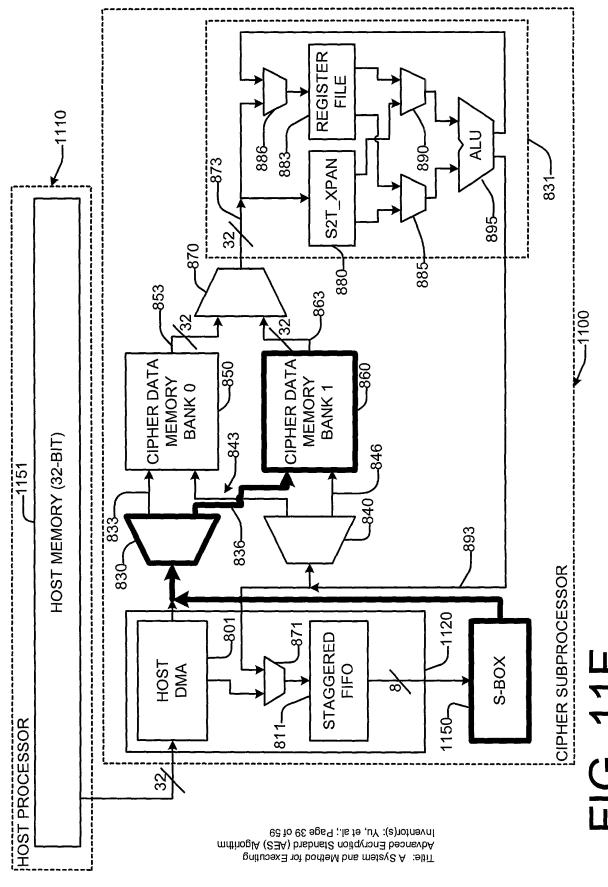


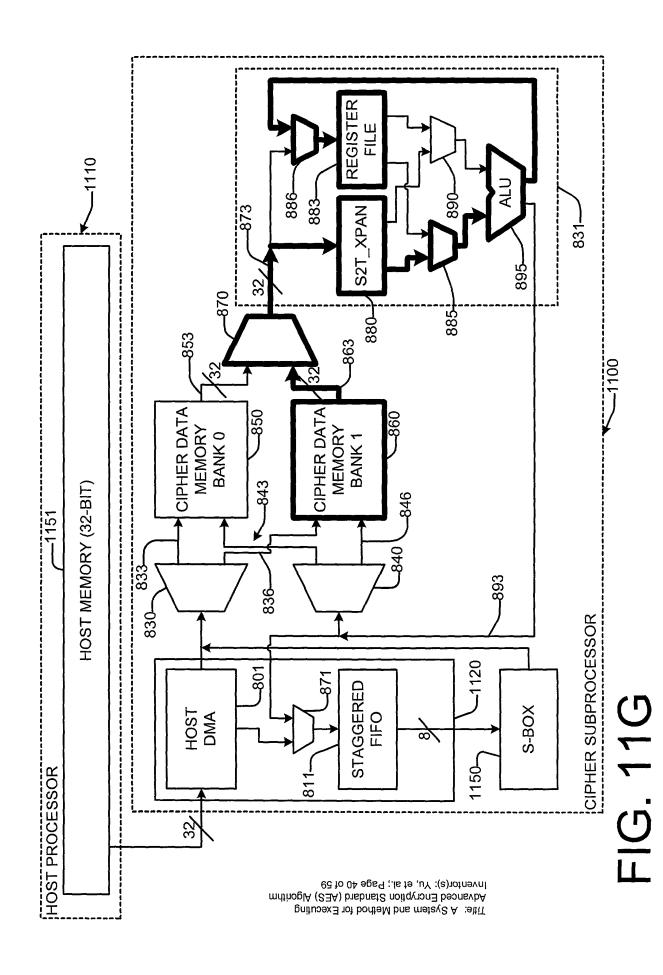


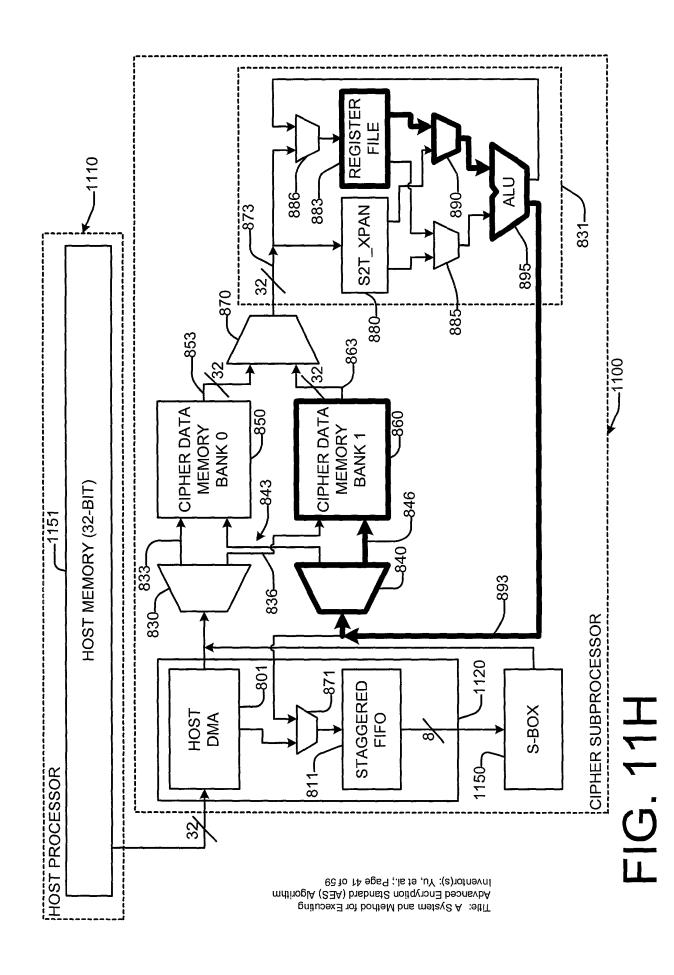


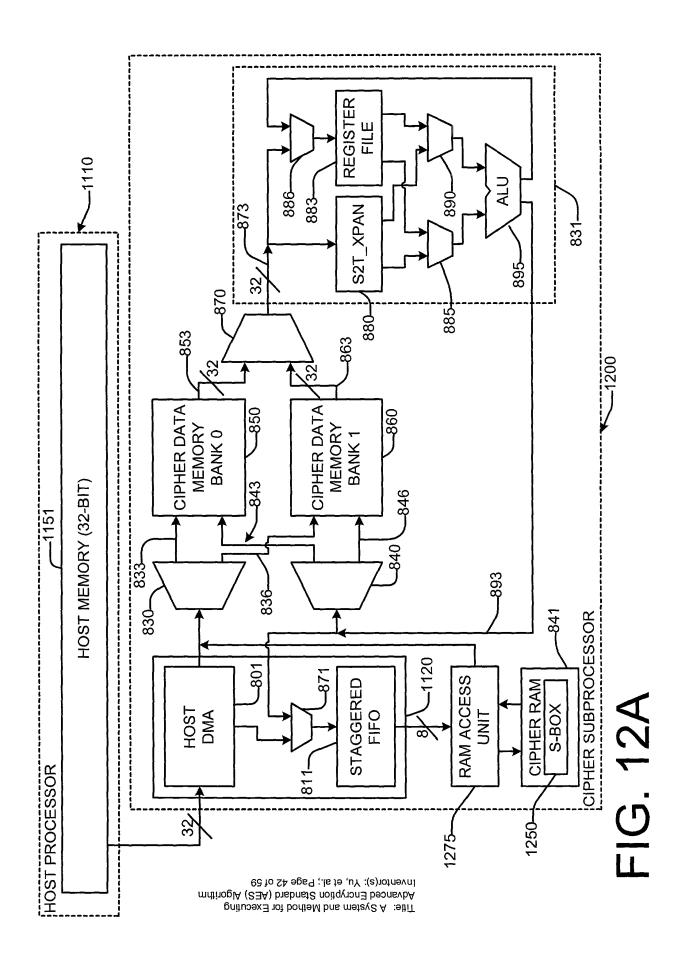


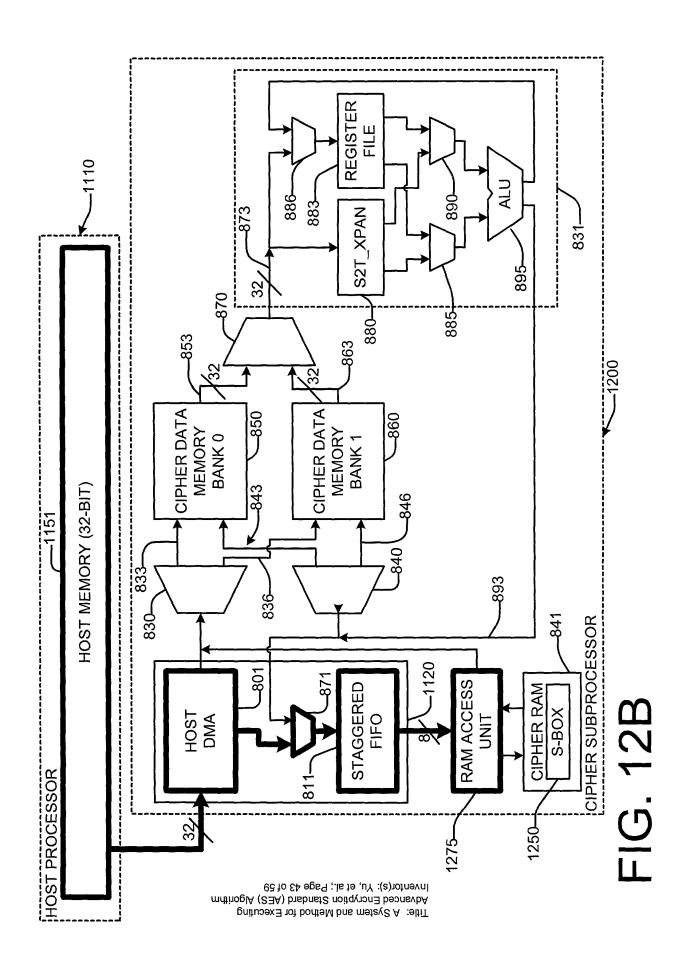


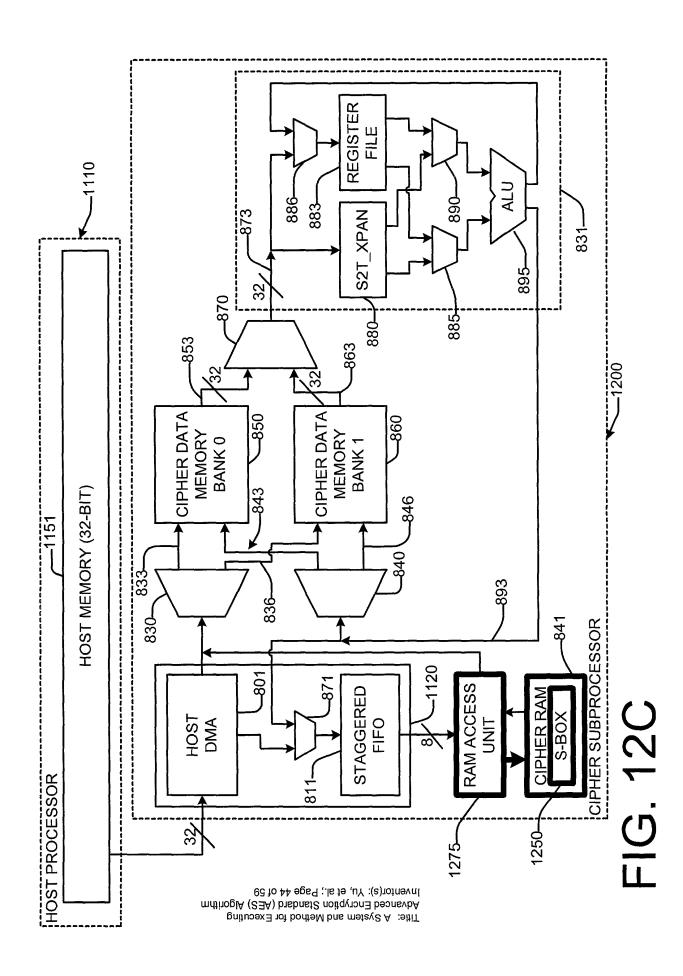


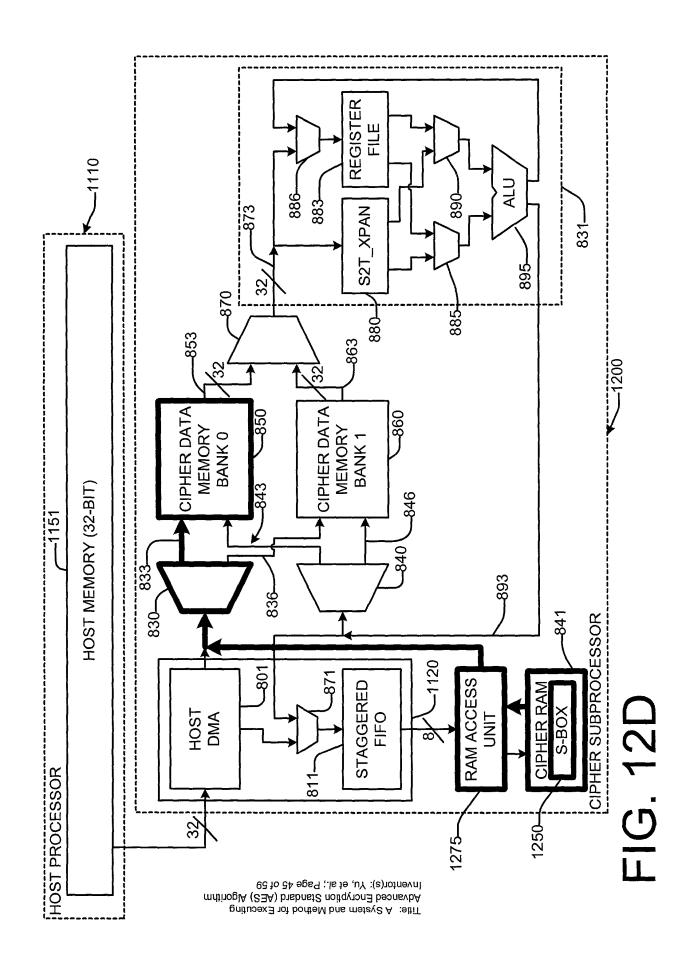


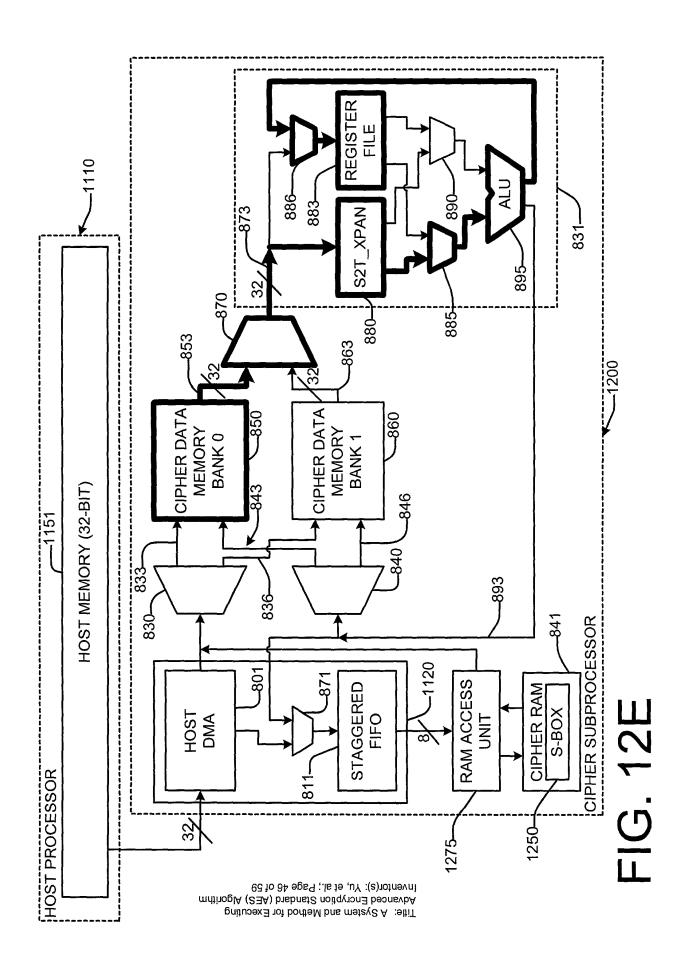


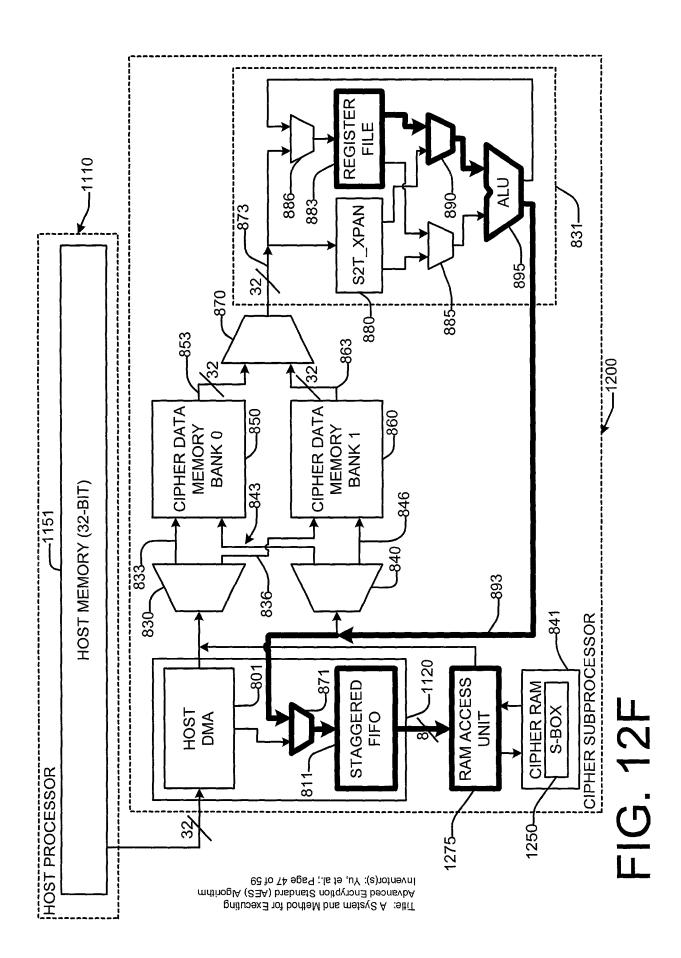


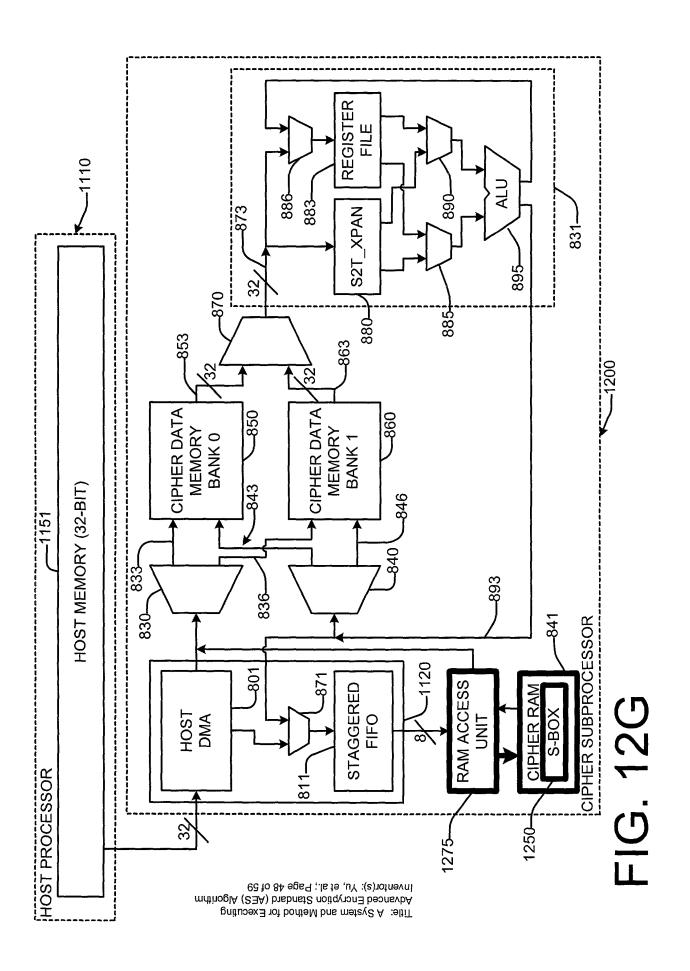


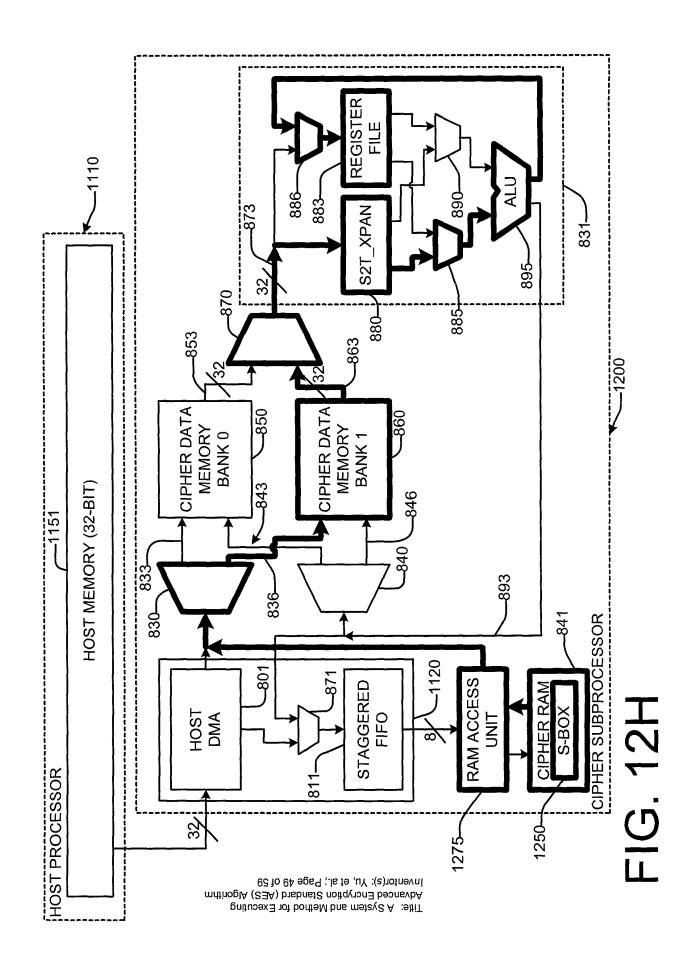












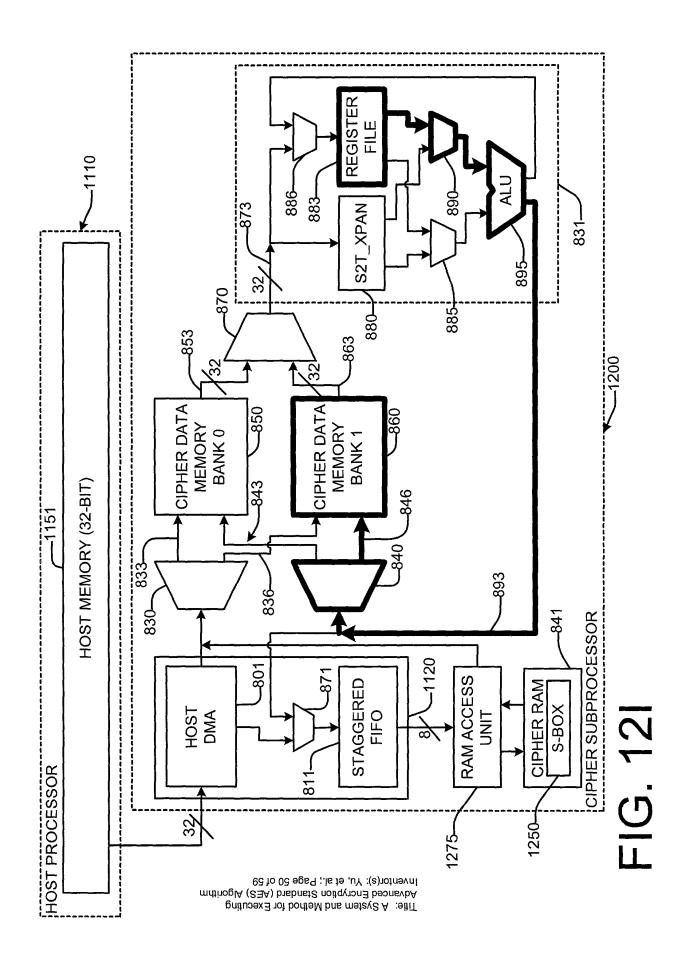
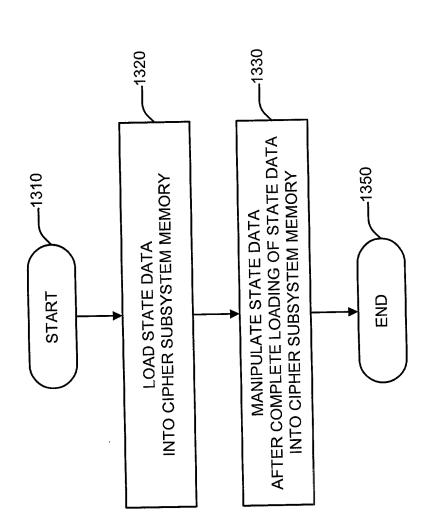


FIG. 13 (PRIOR ART)



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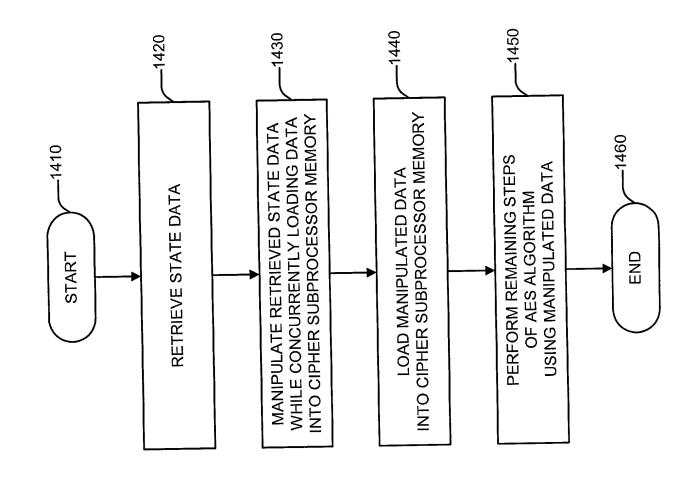
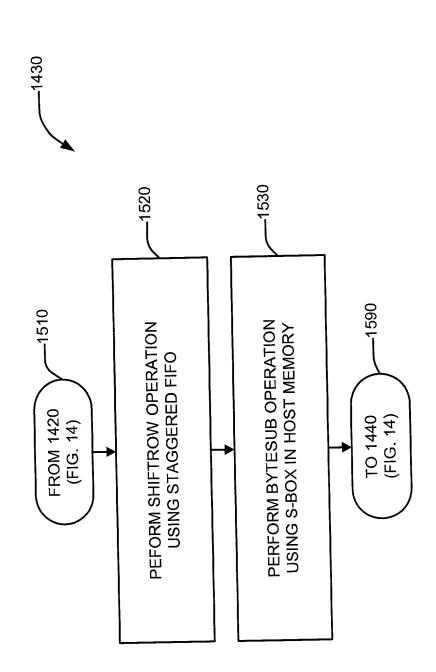
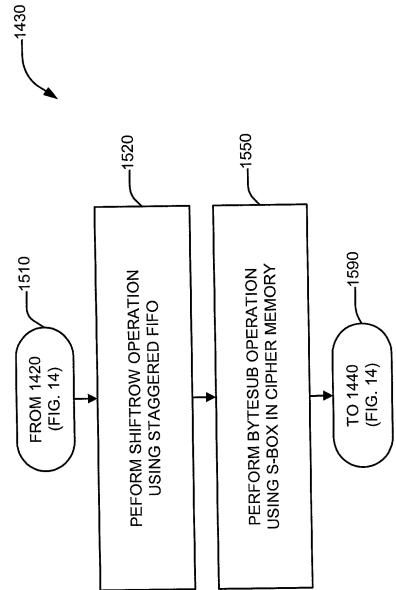


FIG. 14

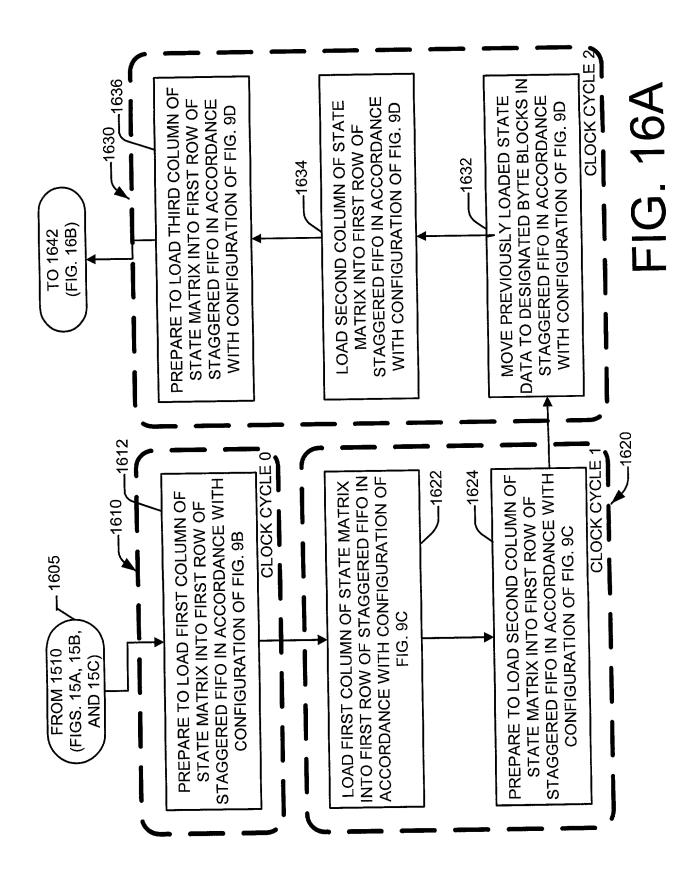


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FIG. 15B



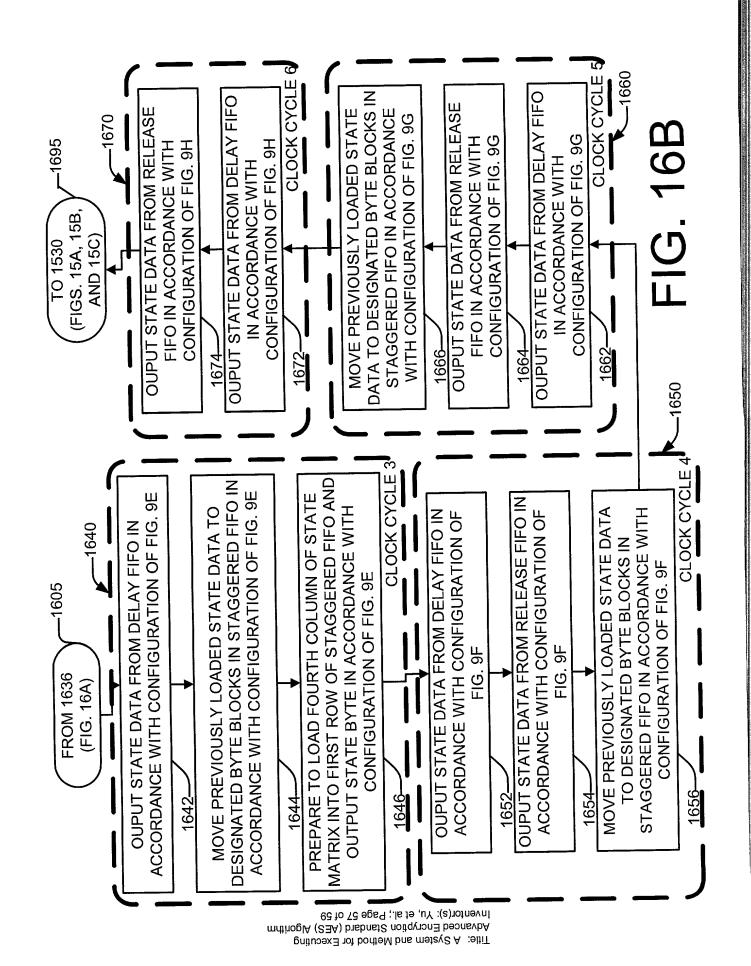
Title: A System and Method for Executing Advanced Encryption Standard (AES) Algorithm Inventor(s): Yu, et al.; Page 55 of 59

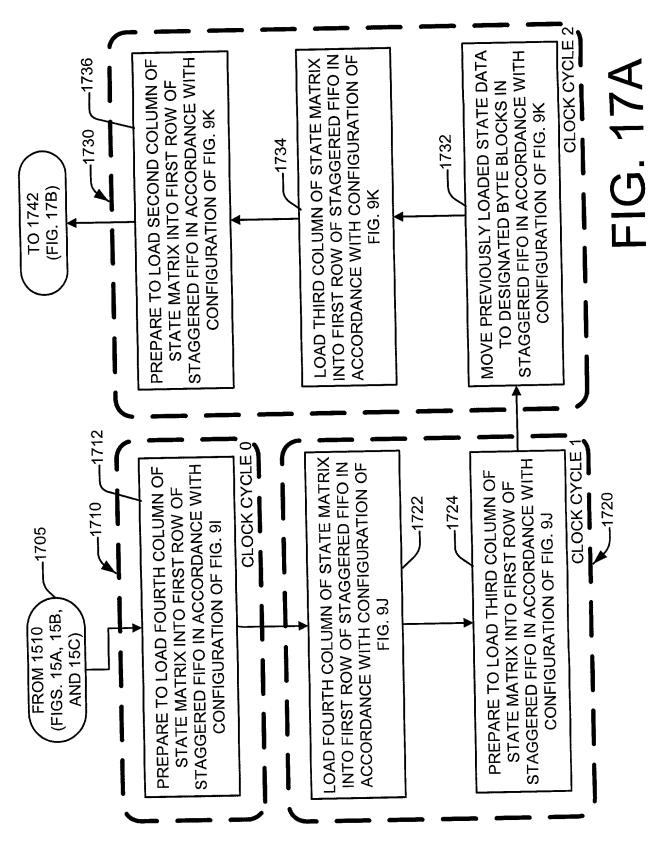


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